Course Objectives/Course Outline
Spokane Community College

Course Title: HTML5 / CSS3
Prefix and Course Number: CIS 111

Learning/Performance Expectations (e.g., outcomes, performance objectives, competencies, etc.)
By the end of this course, a student should:

- Build a multi-column static webpage using semantically correct HTML structural elements
- Code html pages exclusively with an external CSS stylesheet with basic best practice code organization
- Understand basic page layout patterns, web typography, color theory and image optimization

I. Introduction to HTML & CSS
   A. Current HTML Version Standard & History
   B. Current CSS Version Standard & History
   C. Keeping Current with Standards and Best Practice

II. HTML MARKUP
   A. HTML Basic Template
       i. doctype, html, head, title, body
   B. HTML Content Sectioning
       i. Page Structural Elements: header, nav, main, section, article, aside, footer
       ii. Semantic Elements: figure, figcaption, mark, time, summary, details
       iii. Non Semantic Elements: div, span
       iv. HTML Elements role in page structure and web accessibility
   C. Block & Inline elements
   D. Normal Document Flow
   E. Heading Elements
   F. Paragraph
   G. Lists
   H. Links
   I. Blockquote
   J. Figure/figcaption
   K. Images
   L. Tables

M. Forms
N. Page Validation
O. Comments
P.   HTML coding conventions

III.   CSS Basics
A. Purpose of CSS
B. CSS Types (external, internal/embedded/head, inline)
C. CSS Rules (selectors, declarations, comments, naming conventions)
D. Selectors (type, descendant, class, link pseudo class selectors, id, universal, child, adjacent sibling)
E. CSS Inheritance
F. CSS Cascade
G. Style Organization
H.   Margins / Padding (including shorthand)
I.   Box Model
J.   Fonts & line height
K.   Link Styles
L.   Block, inline-block
M. CSS Validation
N. Text and box shadows
O. Borders and backgrounds
P.   Gradients
Q. Transforms
R. Floats
S. Intro to Positioning
T. Static Flexbox layouts
U. Page Layout with Floats
V. Form elements and inputs